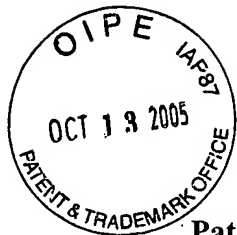


BSW



Miller 2-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): C.J. Miller et al.  
Case: 2-1  
Serial No.: 10/786,182  
Filing Date: February 25, 2004  
Group: 2891  
Examiner: Asok K. Sarkar

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature: [Signature] Date: October 11, 2005

Title: Methods and Apparatus for Integrated Circuit Ball Bonding  
with Substantially Perpendicular Wire Bond Profiles

TRANSMITTAL LETTER

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following document relating to the above-identified patent application:

(1) Response to Restriction Requirement.

There is no additional fee due in conjunction with the response. In the event of any non-payment or improper payment of a required fee, the Commissioner is hereby authorized to charge or to credit **Ryan, Mason & Lewis, LLP Deposit Account No. 50-0762** as required to correct the error.

Respectfully submitted,

[Signature]

Robert W. Griffith  
Reg. No. 48,956  
Ryan, Mason & Lewis, LLP  
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90 Forest Avenue  
Locust Valley, NY 11560  
(516) 759-4547

Date: October 11, 2005



Attorney Docket No. Miller 2-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**RESPONSE TO RESTRICTION REQUIREMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the outstanding Office Action dated September 8, 2005, Applicants provide the following remarks for consideration:

**REMARKS**

The present application was filed on February 25, 2004 with claims 1-23. In the outstanding Office Action, the Examiner required restriction of claims 1-23 of the above-referenced application to one of the following groups of claims: claims 1-21 (Group I); and claims 22 and 23 (Group II).

The Examiner contends that the inventions set forth in Groups I and II are distinct in that the process, as recited in claim 1, can be practiced by hand without the need for a specialized apparatus. Applicants respectfully disagree with this contention and request reconsideration and withdrawal of the requirement for restriction for at least the reasons given below.

Applicants submit that the process set forth in claim 1 cannot be "practiced by hand without the need for a specialized apparatus." Claim 1 specifically recites the utilization of a bonding tool,